

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000859

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F28F9/02 F28D1/053

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F28F F28D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 19 251 A1 (VALEO KLIMATECHNIK GMBH & CO. KG, 68766 HOCKENHEIM, DE; VALEO KLIMATEC) 12 November 1998 (1998-11-12)	1,5,10, 13-17
Y	abstract; figures 1,4,5 column 1, lines 2-9; claim 1 column 3, line 30 - line 43 column 4, line 23 - line 33	1,3,5-16
X	EP 0 671 597 A (IRSAP - IRSOL S.R.L.) 13 September 1995 (1995-09-13) column 2, line 17 - line 30 abstract; figures 2-4	1,5
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 June 2005

Date of mailing of the international search report

04/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Oliveira, C

# INTERNATIONALER RECHERCHENBERICHT

Internationales Aktenzeichen  
PCT/EP2005/000859

C.(Fortsetzung) ALS WESENTLICH ANGESEHENE UNTERLAGEN		
Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
Y	DE 198 26 881 A1 (BEHR GMBH & CO) 23. Dezember 1999 (1999-12-23) in der Anmeldung erwähnt Abbildungen 1,2,5,6 Spalte 1, Zeile 3 - Zeile 58 Spalte 3, Zeile 22 - Zeile 30 Spalte 4, Zeile 49 - Zeile 54 -----	1,3,5,6, 8-16
Y	DE 101 32 485 A1 (BEHR GMBH & CO) 23. Januar 2003 (2003-01-23) Zusammenfassung; Abbildungen 1-8 Absatz '0008! -----	1,5-7

# INTERNATIONALE RECHERCHENBERICHT

Angaben zu Veröffentlichungen, die zur selben Patentfamilie gehören

Internationales Aktenzeichen

PCT/EP2005/000859

Im Recherchenbericht angeführtes Patentdokument	Datum der Veröffentlichung	Mitglied(er) der Patentfamilie	Datum der Veröffentlichung
DE 19719251	A1	12-11-1998	BR 9804891 A 31-08-1999
		CN 1225714 A 11-08-1999	
		WO 9850740 A1 12-11-1998	
		EP 0917638 A1 26-05-1999	
		US 6199401 B1 13-03-2001	
EP 0671597	A	13-09-1995	IT B0940089 A1 11-09-1995
		EP 0671597 A1 13-09-1995	
DE 19826881	A1	23-12-1999	KEINE
DE 10132485	A1	23-01-2003	KEINE